



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
1200 Pennsylvania Avenue., NW  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

**DATA MATRIX**

Date May 4, 2010			EPA Reg. No./File Symbol : 84526-1		Page 1 of 4
Applicant's/Registrant's Name & Address: Sanosil International, LLC, 91 Lukens Drive, Suite A, New Castle, DE 19720			Product Sanosil S010		
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>PRODUCT CHEMISTRY</b>					
830.1550	Product Identity and Composition	47186201	Sanosil International, LLC	OWN	
830.1600	Description of the Materials Used to Produce the Product	47186201	Sanosil International, LLC	OWN	
830.1650	Description of the Formulation Process	47186201	Sanosil International, LLC	OWN	
830.1670	Discussion of Formation of Impurities	47186201	Sanosil International, LLC	OWN	
830.1700	Preliminary Analysis	47186201	Sanosil International, LLC	OWN	
830.1750	Certified Limits	47186201	Sanosil International, LLC	OWN	
830.1800	Enforcement Analytical Method	47186201	Sanosil International, LLC	OWN	
830.6302	Color	47186202	Sanosil International, LLC	OWN	
830.6303	Physical State	47186202	Sanosil International, LLC	OWN	
830.6304	Odor	47186202	Sanosil International, LLC	OWN	
830.7200	Melting Point	-----	-----	-----	Note 1
830.7220	Boiling Point	-----	-----	-----	Note 2
830.7300	Density, Bulk Density, Specific Gravity	47186202	Sanosil International, LLC	OWN	
830.7840	Solubility (Column elution/shake flask)	-----	-----	-----	Note 3
830.7950	Vapor Pressure	-----	-----	-----	Note 4
830.7370	Dissociation Constant	-----	-----	-----	Note 5
830.7550	Partition Coefficient (shake flask)	-----	-----	-----	Note 6
830.7000	pH	47186202	Sanosil International, LLC	OWN	
830.6313	Stability	-----	-----	-----	Note 7
830.6314	Oxidizing/Reducing Reaction	47186202	Sanosil International, LLC	-----	
830.6315	Flammability	-----	-----	-----	Note 8
830.6316	Explosibility	-----	-----	-----	Note 9
Signature <i>Georgia Anastasion</i>			Name and Title Georgia An, Agent for Sanosil International, LLC		Date May 4, 2010





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Applicant's/Registrant's Name & Address: Sanosil International, LLC, 91 Lukens Drive, Suite A, New Castle, DE 19720		Product Sanosil S010			
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	-----	-----	-----	Note 10
830.7100	Viscosity	47186202	Sanosil International, LLC	-----	
830.6319	Miscibility	-----	-----	-----	Note 11
830.6320	Corrosion Characteristics	-----	-----	-----	Note 10
830.6321	Dielectric Breakdown Voltage	-----	-----	-----	Note 12
ACUTE TOXICOLOGY					
81-1	Acute Oral Toxicity - Rat	47816203	Sanosil International, LLC	OWN	
81-2	Acute Dermal Toxicity	47816204	Sanosil International, LLC	OWN	
81-3	Acute Inhalation Toxicity - Rat	47261601	Sanosil International, LLC	OWN	
81-4	Primary Eye Irritation - Rabbit	47186206	Sanosil International, LLC	OWN	
81-5	Primary Dermal Irritation	47186207	Sanosil International, LLC	OWN	
81-6	Dermal Sensitization	47205501	Sanosil International, LLC	OWN	
EFFICACY					
810.2100	Disinfection Study - Salmonella enterica (ATCC 10708)	47186209	Sanosil International, LLC	OWN	
	Disinfection Study - Pseudomonas aeruginosa (ATCC 15442)	47186210	Sanosil International, LLC	OWN	
	Disinfection Study - Staphylococcus aureus (ATCC 6538)	47186211	Sanosil International, LLC	OWN	
	Disinfectant Study - Staphylococcus aureus (MRSA) (ATCC 33592)	47186212	Sanosil International, LLC	OWN	
	Sanitizer Study - Staphylococcus aureus (ATCC 6538) and Enterobacter aerogenes (ATCC 13048)	47186213	Sanosil International, LLC	OWN	

Signature <i>Georgia Anastasion</i>	Name and Title Georgia An, Agent for Sanosil International, LLC	Date May 4, 2010
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Applicant's/Registrant's Name & Address: Sanosil International, LLC, 91 Lukens Drive, Suite A, New Castle, DE 19720		Product Sanosil S010			
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Sanitizer Study – <i>Staphylococcus aureus</i> (MRSA) (ATCC 33592)	47186214	Sanosil International, LLC	OWN	
	Sanitizer Study – <i>Salmonella enteric</i> (ATCC 10708)	47186215	Sanosil International, LLC	OWN	
	Virucidal – Influenza A Virus (ATCC VR-544)	47296501	Sanosil International, LLC	OWN	
	Virucidal – Influenza A (H5N1) Virus (CDC #2006719965)	47296502	Sanosil International, LLC	OWN	
	Disinfection Study – <i>Escherichia coli</i> (ATCC 11229)	47296503	Sanosil International, LLC	OWN	
	Virucidal Study – Rhinovirus Type 37 (ATCC VR-1147)	47296504	Sanosil International, LLC	OWN	
	Virucidal Study – HIV Type 1	47296505	Sanosil International, LLC	OWN	
	Fungicidal Study – <i>Trichophyton mentagrophytes</i> (ATCC 9533)	47758508	Sanosil International, LLC	OWN	
	Disinfection Study – <i>Proteus mirabilis</i> (ATCC 9240)	Not Yet Assigned	Sanosil International, LLC	OWN	
	Virucidal Study – Norovirus (Feline Calicivirus) (ATCC VR-782)	Not Yet Assigned	Sanosil International, LLC	OWN	
	Fungicidal Study – <i>Aspergillus niger</i> (ATCC 16404)	Not Yet Assigned	Sanosil International, LLC	OWN	

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Signature <i>Georgia Anastasion</i>	Name and Title Georgia An, Agent for Sanosil International, LLC	Date May 4, 2010
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Applicant's/Registrant's Name & Address: Sanosil International, LLC, 91 Lukens Drive, Suite A, New Castle, DE 19720	Product Sanosil S010				
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

**FOOTNOTES**

1. A melting point determination is not applicable since the subject product is a formulated product.
2. A boiling point determination is not applicable since the subject product is a formulated product.
3. A solubility determination is not applicable since the subject product is a formulated product.
4. A vapor pressure determination is not applicable since the subject product is a formulated product.
5. A dissociation constant determination is not applicable since the subject product is a formulated product.
6. A partition coefficient determination is not applicable since the subject product is a formulated product.
7. A stability determination is not applicable since the subject product is a formulated product.
8. A flammability study is not applicable since the subject product does not contain any flammable components.
9. An explosibility study is not applicable since the subject product does not contain any explosive ingredients.
10. The one-year storage stability/corrosion characteristics study is currently on-going. The study will be submitted to the Agency upon completion.
11. A miscibility study is not applicable since the subject product is not diluted with petroleum distillates.
12. A dielectric breakdown voltage study is not applicable since the subject product is not used around electrical equipment.

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Signature <i>Georgia Anastasion</i>	Name and Title Georgia An, Agent for Sanosil International, LLC	Date May 4, 2010
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Date August 11, 2009		EPA Reg. No./File Symbol : 84526-1		Page 1 of 4	
Applicant's/Registrant's Name & Address: Sanosil USA, LLC, 300 Creek View Road, Suite 101, Newark, Delaware 19711		Product Sanosil S010			
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
830.1550	Product Identity and Composition	47186201	Sanosil USA, LLC	OWN	
830.1600	Description of the Materials Used to Produce the Product	47186201	Sanosil USA, LLC	OWN	
830.1650	Description of the Formulation Process	47186201	Sanosil USA, LLC	OWN	
830.1670	Discussion of Formation of Impurities	47186201	Sanosil USA, LLC	OWN	
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830.6302	Color	47186202	Sanosil USA, LLC	OWN	
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830.7200	Melting Point	-----	-----	-----	Note 1
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830.7840	Solubility (Column elution/shake flask)	-----	-----	-----	Note 3
830.7950	Vapor Pressure	-----	-----	-----	Note 4
830.7370	Disassociation Constant	-----	-----	-----	Note 5
830.7550	Partition Coefficient (shake flask)	-----	-----	-----	Note 6
830.7000	pH	47186202	Sanosil USA, LLC	OWN	
830.6313	Stability	-----	-----	-----	Note 7
830.6314	Oxidizing/Reducing Reaction	47186202	Sanosil USA, LLC	-----	
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Signature <i>Georgia Anastasion</i>			Name and Title Georgia An, Agent for Sanosil USA, LLC		Date August 11, 2009





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	Disinfection Study - Pseudomonas aeruginosa (ATCC 15442)	47186210	Sanosil USA, LLC	OWN	
	Disinfection Study - Staphylococcus aureus (ATCC 6538)	47186211	Sanosil USA, LLC	OWN	
	Disinfectant Study - Staphylococcus aureus (MRSA) (ATCC 33592)	47186212	Sanosil USA, LLC	OWN	
	Sanitizer Study - Staphylococcus aureus (ATCC 6538) and Enterobacter aerogenes (ATCC 13048)	47186213	Sanosil USA, LLC	OWN	

Signature

Georgia Anastasion

Name and Title

Georgia An, Agent for Sanosil USA, LLC

Date

August 11, 2009





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	Virucidal – Influenza A Virus (ATCC VR-544)	47296501	Sanosil USA, LLC	OWN	
	Virucidal – Influenza A (H5N1) Virus (CDC #2006719965)	47296502	Sanosil USA, LLC	OWN	
	Disinfection Study – <i>Escherichia coli</i> (ATCC 11229)	47296503	Sanosil USA, LLC	OWN	
	Virucidal Study – Rhinovirus Type 37 (ATCC VR-1147)	47296504	Sanosil USA, LLC	OWN	
	Virucidal Study – HIV Type 1	47296505	Sanosil USA, LLC	OWN	
	Fungicidal Study – Trichophyton mentagrophytes (ATCC 9533)	47758508	Sanosil USA, LLC	OWN	
	Swine Influenza A (H1N1) virus (ATCC VR-333)	Not Yet Assigned	Sanosil USA, LLC	OWN	

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Signature <i>Georgia Anastasion</i>	Name and Title Georgia An, Agent for Sanosil USA, LLC	Date August 11, 2009
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7. A stability determination is not applicable since the subject product is a formulated product.
8. A flammability study is not applicable since the subject product does not contain any flammable components.
9. An explodability study is not applicable since the subject product does not contain any explosive ingredients.
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11. A miscibility study is not applicable since the subject product is not diluted with petroleum distillates.
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Signature <i>Georgia Anastasion</i>	Name and Title Georgia An, Agent for Sanosil USA, LLC	Date August 11, 2009
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